AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the

application:

LISTING OF CLAIMS:

1. (currently amended): ~~An information~~ A watermark detecting apparatus comprising:

an extractor for extracting picture data of I picture including a watermark ~~specific~~

~~information~~ from a high-speed data stream of an MPEG format; and

a detector for detecting at low speed the ~~specific information~~ watermark in the picture ~~in~~

~~the~~ data extracted by said extractor,

wherein said extractor includes a buffer memory for storing data for more than 1 GOP

(Group of Pictures) in the high-speed data stream; and

a low-speed parser for analyzing and outputting the picture data including the watermark

from the data stored in said buffer memory.

2-4. (canceled).

5. (new): A watermark detecting apparatus comprising:

an extractor for extracting picture data of I picture including a watermark from a high-

speed data stream of an MPEG format; and

a detector for detecting at low speed the watermark in the picture data extracted by said

extractor,

wherein said extractor includes a high-speed parser for analyzing and detecting the

picture data including the watermark in the high-speed data stream at a high speed; and

a buffer memory for storing the picture data including the watermark detected by said

high-speed parser from the high-speed data stream.

6. (new): A watermark detecting apparatus, comprising:

an extracting circuit that extracts data including a watermark from a first data stream; and

a detecting circuit that detects the watermark from the extracted data.

7. (new): The watermark detecting apparatus of claim 6, wherein the first data stream is

a high speed data stream and the detecting circuit detects the watermark to produce a second data

stream having a speed lower than the speed of the high speed data stream.

8. (new): The watermark detecting apparatus of claim 7, wherein the high speed data

stream comprises MPEG data.

9. (new): The watermark detecting apparatus of claim 6, wherein the detecting circuit

inputs decoding data from a random number generator circuit and detects the watermark based

on the decoding data.

10. (new): The watermark detecting apparatus of claim 6, wherein the data comprises

MPEG data.

11. (new): The watermark detecting apparatus of claim 10, wherein the watermark is included in I picture data of the MPEG data.